

1438 Rec'd PCT/00 22 FEB 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY DOCKET NUMBER <b>BPD-100US</b>
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/531,743</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP03/11586</b>	INTERNATIONAL FILING DATE <b>10/20/2003</b>	PRIORITY DATE CLAIMED <b>10/18/2002</b>
TITLE OF INVENTION <b>PROCESS FOR THE CONTINUOUS MANUFACTURE OF TUBULAR MEMBRANE</b>		
APPLICANT(S) FOR DO/EO/US <b>Hartmut E. A. Bruschke; Nicholas Patrick Wynn; Frank-Klaus M</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration (<b>Executed</b>) of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY DOCKET NUMBER
10/531,743	PCT/EP03/11586	BPD-100US

## 20. Other items or information:

- 1) Credit Card Payment Form
- 2) Copy of Notification of Missing Requirements
- 3) Petition for Extension of Time in Duplicate
- 4) Executed Assignment
- 5) Assignment Recordation Cover Sheet
- 6) Certificate of Express Mail
- 7) Return Receipt Postcard

The following fees have been submitted

		CALCULATIONS		PTO USE ONLY
		\$		
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))	\$300			
22. <input type="checkbox"/> Examination Fee (37 CFR 1.492(c))				
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....	\$0			
All other situations .....	\$200			
23. <input type="checkbox"/> Search Fee (37 CFR 1.492(b))				
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....	\$0			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority .....	\$100			
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated by the US by the IB .....	\$400			
All other situations .....	\$500			
TOTAL OF 21, 22 and 23 =		\$		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium).				
The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
- 100 =	/50 =		x \$250	\$
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h))		\$ 130		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	- 20 =		x \$50	\$
Independent Claims	- 3 =		x \$200	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =		\$		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				
SUBTOTAL =		\$ 130		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$		
TOTAL NATIONAL FEE =		\$ 130		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ 40		
Other: Petition for Extension of Time (3 months)		\$1,020		
02/24/2006 LLANDGRA 00000076 10531743	TOTAL FEES ENCLOSED =		\$ 1,190	
01 FC:16 7	130.00 OP		Amount to be refunded:	\$
02 FC:12 3	1020.00 OP		Amount to be charged	\$

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a.  A check in the amount of \$ \_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_ in the amount of \$ \_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

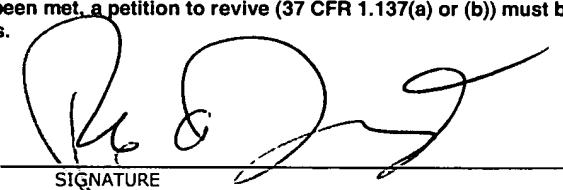
**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

 Customer Number**23122**

OR

- RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482
- RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899

Date: **February 22, 2006**  
SIGNATURERex A. Donnelly

NAME

**41,712**  
REGISTRATION NUMBER

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Hartmut E. A. Bruschke et al.

Docket No.

BPD-100US

Serial No.

10/531,743

Filing Date

April 18, 2005

Examiner

Darrell C. Cottman

Group Art Unit

Unknown

Invention: PROCESS FOR THE CONTINUOUS MANUFACTURE OF TUBULAR MEMBRANE

I hereby certify that the following correspondence:

Transmittal Letter Under 35 U.S.C. 371

Copy of Notification of Missing Requirements

Assignment Recordation Cover Sheet

Executed Assignment

Petition for Extension of Time in Duplicate

Oath, Declaration and Power of Attorney

Certificate of Express Mail

Form PTO 2038

Return Receipt Postcard

*(Identify type of correspondence)*

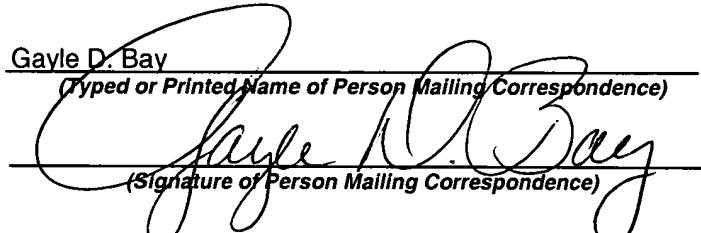
Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

Mail Stop: PCT,

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on February 22, 2006

Gayle D. Bay

*(Typed or Printed Name of Person Mailing Correspondence)*  
(Signature of Person Mailing Correspondence)

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*("Express Mail" Mailing Label Number)*

Note: Each paper must have its own certificate of mailing.



## UNITED STATES PATENT AND TRADEMARK OFFICE

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[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/531,743	Hartmut E A Bruschke	BPD-100US
INTERNATIONAL APPLICATION NO.		
PCT/EP03/11586		
23122 RATNERPRESTIA P O BOX 980 VALLEY FORGE, PA 19482-0980	RECEIVED SEP 26 2005 RatnerPrestia	I.A. FILING DATE      PRIORITY DATE 10/20/2003      10/18/2002
CONFIRMATION NO. 3457 371 FORMALITIES LETTER		
 <small>*OC000000017045161*</small>		

Date Mailed: 09/22/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/18/2005
- English Translation of the IA filed on 04/18/2005
- Copy of the International Search Report filed on 04/18/2005
- Copy of IPE Report filed on 04/18/2005
- Preliminary Amendments filed on 04/18/2005
- Information Disclosure Statements filed on 08/02/2005
- Oath or Declaration filed on 04/18/2005
- Request for Immediate Examination filed on 04/18/2005
- U.S. Basic National Fees filed on 04/18/2005
- Priority Documents filed on 04/18/2005

Missing Reo Due (2mo) 11-22-05

D

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DARRELL C COTTMAN

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Telephone: (703) 308-9140 EXT 203

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/531,743	PCT/EP03/11586	BPD-100US

FORM PCT/DO/EO/905 (371 Formalities Notice)